

From: [Coltrain, Katrina](#)
To: [Durant, Jennah](#)
Subject: RE: Reporter questions--residential soil testing in Bristow
Date: Monday, November 16, 2015 7:58:00 AM

Jennah, please see the attached email for information provided by DEQ regarding the same questions. I have also included some additional language below.

1. Published reports have documented the background range of arsenic concentrations for Oklahoma as being 0.6 to 21 mg/kg.
2. Based on our review of the data, soil samples collected from all properties did not exceed levels considered acceptable by EPA for short-term exposures. Although some concentrations exceeded their Residential Screening Level (RSL) for soil, this is merely an indication that further evaluation may be needed. The concentrations that exceeded the RSL are expected to fall within the accepted range established by EPA for long term exposures. As we move forward with our site investigation, we will be evaluating these contaminants in more detail through a Site-specific Human Health Risk Assessment to determine the potential risks these contaminants may pose. (DEQ explains a bit further.) At this time, no immediate remediation is planned for any residential property.
3. Our next step is to continue with the remedial investigation. This will include sampling the site soil, subsurface soil, ground water, surface water, and sediment. We will conduct an investigation of the tank and process areas during the first two to three weeks in December. Following this work, we will put together site-side field sampling plans to complete our investigation and anticipate that this will happen in the summer of 2016.
4. Based on the data collected, the site boundary may be adjusted.

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From: Durant, Jennah
Sent: Tuesday, November 10, 2015 2:40 PM
To: Coltrain, Katrina
Subject: Reporter questions--residential soil testing in Bristow

Hi Katrina,

I got some questions from a reporter about residential soil sampling at the Wilcox site in OK. Here is what the reporter sent me:

I have spoken to (b) (6) in Bristow about soil testing done on her land.

Her results show "Arsenic" is highlighted on every sample, as well as "Benzo-pyrene" is highlighted in one sample.

She was also given some info about Arsenic and PAHs. What are PAH's? Is Arsenic a PAH? Is Benzo-pyrene a PAH? What is Benzo-pyrene?

Is the EPA concerned about these results? How do her test results compare to other samples taken on the superfund site?

Are you considering increasing the superfund site boundaries? If so, where?

What's EPA's next move? What's next for her? Should she move?

I will send her info on PAHs, arsenic, and benzo pyrene. I'm guessing we can't say too much about how the results compare because it's a private residence (and obviously I'm not offering any advice to the property owner). But if there's something we can say about next steps in the investigation or Superfund process, please let me know.

Jennah Durant

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